## SCIENCE DIGEST

## JANUARY TO JUNE, 1947, INCLUSIVE

Articles listed in italics are printed in smaller type and are usually shorter than one page
B.C. indicates Back Cover. I.B.C. indicates Inside Back Cover
I.F.C. indicates Inside Front Cover

AGRICULTURE AND BOTANY:	Neurotic Dogs
Armies of Bubbles Purify	Our Oddest Animal ServantsFeb. 8
StreamsMay 35	Red Frogs Have Poison Skin May 92
Clinic of the ForestJan. 66	Strictly for the BirdsJan. 61
Coloring Easter Eggs—Inside	Taciturn Clam May 70
the Hen	Vampire Bats Imperil
Dust Storms Are Source of	American LivestockJune 57
Wealth May 76	Vanishing FisherJan. 71
Farmer's New Bag of TricksJan. 24	Wariest Bird in the WorldApr. 28
Fountain of Youth on the	
	ANTHROPOLOGY:
Farm	Can the Race Survive? Apr. 33
Infrared Heater May Save	Find Skull of Earliest
Fruit CropsFeb. 94	American
Mystery of the Tropical Plants. Apr. 25	Homo Soloensis—a Very
Plant Has Not Two Sexes,	Rugged FellowJune 23
but 10	
Slanting Floor Saves Little	New Light on Man in the
<i>Pigs</i> Feb. 33	MakingApr. 34
Stockfeed: Bottled in Bond May 54	Prehistoric Man May Have
Vegetable Jewels at WorkJune 53	Lived near South PoleMar. 74
	Shape of Men To ComeJan. 1
ALLERGY:	Anomas
Allergy Slows HealingJan. 53	ARCHEOLOGY:
New Pollen Test DevelopedJune 50	Civilization Began in
	South America?June 34
ANIMALS:	New Light on the Caveman's
Adventures in Gorilla-landMay 18	WeaponsFeb. 71
California Claims Tiniest Owls. Apr. 39	Realism in Art—2,000 Years
Drowning" Fish Saved with	AgoJan. 21
LampblackJune 46	
	ASTRONOMY:
How Horses Became HorsesApr. 57	Cosmic Static Linked to
How Much Food Will Gag an	StardustJan. 47
Oyster?June 28	Electronics May Reveal Life
King of the Deer TribeApr. 67	
Living LaboratoriesJune 80	on Mars
Most Color Blind Animals	
Sleep in DaytimeMay 22	Worlds?Feb. 52
Nature's Great Unsolved	Newest Wonder of the World. May 29
	Stars Are Not What They
MysteryJune 68	SeemApr. 76

## SCIENCE DIGEST

## JANUARY TO JUNE, 1947, INCLUSIVE

Articles listed in italics are printed in smaller type and are usually shorter than one page
B.C. indicates Back Cover. I.B.C. indicates Inside Back Cover
I.F.C. indicates Inside Front Cover

AGRICULTURE AND BOTANY:	Neurotic Dogs
Armies of Bubbles Purify	Our Oddest Animal ServantsFeb. 8
StreamsMay 35	Red Frogs Have Poison Skin May 92
Clinic of the ForestJan. 66	Strictly for the BirdsJan. 61
Coloring Easter Eggs—Inside	Taciturn Clam May 70
the Hen	Vampire Bats Imperil
Dust Storms Are Source of	American LivestockJune 57
Wealth May 76	Vanishing FisherJan. 71
Farmer's New Bag of TricksJan. 24	Wariest Bird in the WorldApr. 28
Fountain of Youth on the	
	ANTHROPOLOGY:
Farm	Can the Race Survive? Apr. 33
Infrared Heater May Save	Find Skull of Earliest
Fruit CropsFeb. 94	American
Mystery of the Tropical Plants. Apr. 25	Homo Soloensis—a Very
Plant Has Not Two Sexes,	Rugged FellowJune 23
but 10	
Slanting Floor Saves Little	New Light on Man in the
<i>Pigs</i> Feb. 33	MakingApr. 34
Stockfeed: Bottled in Bond May 54	Prehistoric Man May Have
Vegetable Jewels at WorkJune 53	Lived near South PoleMar. 74
	Shape of Men To ComeJan. 1
ALLERGY:	Anomas
Allergy Slows HealingJan. 53	ARCHEOLOGY:
New Pollen Test DevelopedJune 50	Civilization Began in
	South America?June 34
ANIMALS:	New Light on the Caveman's
Adventures in Gorilla-landMay 18	WeaponsFeb. 71
California Claims Tiniest Owls. Apr. 39	Realism in Art—2,000 Years
Drowning" Fish Saved with	AgoJan. 21
LampblackJune 46	
	ASTRONOMY:
How Horses Became HorsesApr. 57	Cosmic Static Linked to
How Much Food Will Gag an	StardustJan. 47
Oyster?June 28	Electronics May Reveal Life
King of the Deer TribeApr. 67	
Living LaboratoriesJune 80	on Mars
Most Color Blind Animals	
Sleep in DaytimeMay 22	Worlds?Feb. 52
Nature's Great Unsolved	Newest Wonder of the World. May 29
	Stars Are Not What They
MysteryJune 68	SeemApr. 76

ATOM POWER:	Jet-Propelled Flying Wing May 93
Atom Energy May Change	Land Planes on Railway
the WeatherJan. 58	Cars?Feb. I.B.C.
Atomic Energy for Space	Light Beam Shows PositionJan. 94
Ships?May 81	Light for Small AirportsApr. 95
Atomic War Gases that Won't	Planes with Flapping WingsJan. 22
Backfire	Psychology in the Cockpit May 33
Is "Super" Atom Bomb	Truth about Private Flying Apr. 12
Possible?Apr. I.B.C.	Vacuum Wind TunnelJune 94
Limitations of Atom PowerMar. 25	When the Birds Walk—
Manatan Children of the	Don't FlyJan. 55
Monster Children of the Atom Bomb	Where Is the Super Airliner?June 9
Atom BombMay 10	Wingless Glider Spins through
New Explosive Atom	the Air Mar. 73
DiscoveredJan. 32	"You're About To Stall,"
Next: Radioactive Drugs and	New Dial Warns Fliers Mar. 38
Germs?June 62	New Dut Warns Ftters Mar. 33
Plutonism: Atomic Age	Biology:
DiseaseJune 50	Brain Cells New Clue to
Radiation Danger Greatest to	
Women	Old AgeMar. 36
Radioactive Tracers Aren't	Egg DID Come Before the
New	ChickenApr. 47
Topsy-Turvyland inside the	Freaks in the Family TreeApr. 1
Atom	How Dangerous—Household
2200776	Microbes?May 56
AUTOMOBILES:	Live the Life You're Built For. Mar. 74
Auto Trailer that FloatsJan. 84	Males Need High Heels, Too!Jan. 54
Car with Wings Stays on	Meet Your Equilibrium May 63
	Nature's Living LanternsFeb. 68
Ground	Nerves Are BatteriesJune 48
Constant Speed Windshield	Protein Extract from Human
WiperMar. 96	Hair Mar. 7
Dashboard Meter Tells Tire	That "Muscular Brute"—the
PressureJune 92	SavageApr. 16
Experts Preview Tomorrow's	Waffle-Iron Theory of Proteins. May 69
Cars	What Makes Man the Weaker
Lighter, Warmer Cars Are	
Needed	Sex?May 42
Male Drivers React Faster Feb. 84	You Don't Need Your Collar
Natural Rubber Tires Stop	Bone
Faster	CANCER:
120-MPH Lanes for Super-	Cosmic Rays: Cancer
DriversJan. I.F.C.	Cause?June B.C.
Tire Static EliminatorJune 37	Extract Destroys Cancer
AVIATION:	in Rats
America Legende of the Air Feb 90	KR "Dissolves" Cancer? Jan. 33
Amazing Legends of the AirFeb. 89	New Test for Stomach
Attacking Aviation's Sound	Cancer
Barrier	CHEMISTRY:
Flying Coupe vs. Winged	
GarageFeb. 93	Bathroom Chemical Powered
Glass AircraftJan. 93	Nazi Weapons Mar. 88
Helicopter Powered from	Bleaching Cream Lightens
GroundJune 95	Dark Skin

Carbon Monoxide Detector Mar. 94	Tip to Dentists: Don't Let
Chemical that Burns GlassFeb. 20 Factory Farmers Grow	Child Scare YouMay 88
Giant CrystalsFeb. 57	DRUGS AND ANTIBIOTICS:
First Man To Taste OxygenFeb. 29	Are "Miracle Drugs" Slipping?. Feb. 1
Food Direct from the Sun? Apr. 59	Bacitracin Meets Infection
O2 Is OK, but Timber-Aging	TestsMay 51
O <sub>3</sub> Is a PoisonFeb. 80	Box Score on AntibioticsMar. 48
Our New Aromatic AgeJan. 85	Brain Extract Kills Microbes. Apr. 52
Salted Cinders Soften IceFeb. 94	Curare "Messed Up" by
"Steak" for Three CentsJune 41	Indians
Terylene—Better than	Germs that Live in Penicillin. Mar. 38
Nylon?Feb. 31	Grisein: New Germ FighterMay 17 How To Beat Resistant Germs.Jan. 51
Three New Chemical Elements	Lost: Anti-Germ SubstanceJune 51
Christened	Penicillin Best for Scarlet
	FeverJune 50 Says Iodine Won't Prevent
Baffling Disease of BabiesMar. 50	GoiterJune 96
Blood Type Prevents Baby Mix UpMar. I.B.C.	Soviet Diphtheria WeaponJan. 50
Boys versus GirlsJan. 80	Stingless Iodine Approved Mar. 50
Girl Babies Outtalk BoysFeb. 66	Streptomycin May Injure
High I.Q. TroubleMar. 64	Ears
Mental Key to Painless	Tomato Juice Cures Athlete's
Childbirth	FootJune I.B.C.
Middle-Class "Suck-a-	E.D. Commen
Thumbs"June 74	EARTH SCIENCE:
Spare the Rod—Take a	Climate: Key to Russia's Rise. May 43
ShowerJan. I.B.C.	Climate Produces New Races in
Temperature—Guide to	Plants
ParenthoodJan. 6	WavesJan. 49
	"Driven Snow" Is Not So Pure. Apr. 57
CRIMINOLOGY:	Dry-Ice Barrage Turns
Building Bandits Are BackMar. 39	Cloud to SnowFeb. 87
Counterfeiters: Artists	Electronic Weather Control
in CrimeMar. 16	PredictedMay 28
Crime of Honest People May 32	Father of the ForecastMar. 68
Genocide—the Nazi CrimeJan. 34 Mistakes that Trap MurderersJan. 14	Junior's Popgun Makes
Pattern for MurderJune 58	Snow FallJune 88
rattern for Murderune 38	Magnetic Poles Are on the
DENTISTRY:	Move AgainFeb. 84
Can Teeth Be Transplanted?June 89	Neon Lights from the
Fluoride "Tooth-Wash"	Upper AirJan. 62
Checks DecayFeb. 49	Pushbutton Rain?June 12
Half a Billion Aching Teeth May 50	Supersonics Dissipate Fog May 96
High Fliers Lose Fillings Mar. 27	Unveiling Weather Mysteries. Feb. 60
Lemon Juice May Damage	Why the Ocean Is BlueFeb. 15
TeethJune 51	Economics:
Mystery Solved: Why	Don't Bet on Business CyclesJan. 74
Teeth DecayJan. 30	Education Pays-in Cash!Feb. 7
Orange Juice Makes Good	Know Your Scarcity RatingApr. 74
ToothpasteApr. 70	Price Tags on PeopleFeb. 27

I

ELECTRICITY:	Those Who Know Apples Best Jan. 48
Are Fluorescent Lights	White Bread May Be
Harmful?Feb. 45	Healthier
Battery for Geiger CountersJune 94	World's Sweetest SubstanceJan. 95
Diesel Generates AC and DC. Feb. 31	GEOGRAPHY:
Domestic Current Is a Killer. May 73	Robinson Crusoe Goes Modern. Jan. 80
Electric Tools Aid the Doctor. Mar. 71	Secrets of the Polar RegionsFeb. 34
Electronic Flash BulbApr. 94	Think You Know Your
Giant Tube TesterMar. 94	Directions?Mar. 60
Latest "See-in-the-Dark" Device	
New Electric Eye Sees around	HEARING:
Corners, through WallsFeb. 19	Hearing Aid Radio SetJan. 95
Robot Brain Writes Answers	They Listen with Their EyesFeb. 85
with Electrons	HEART AND BLOOD:
What's the Most Powerful	Blood CirculationFeb. 32
Electric Motor?Apr. 24	Chemical Stops Internal
ENGINEERING:	BleedingApr. 50
Panama Canal Soil Study May 68	Drug Wards Off Heart Attacks. Feb. 49
Planning the New Panama	"Extra Heart" Aids SurgeonFeb. 51
CanalJune 6	Gramicidin Made Safe?Jan. 50
Stronger, Lighter BridgesJune 95	Muscle Grafts May Give Us New HeartsFeb. 74
	Pill that Really Builds Blood. Apr. 80
EYES AND VISUAL AIDS:	What To Do for High
Eye Fluid Transfusion	Blood PressureApr. 21
Renews SightApr. 48	Blood Tressure
Eyes Trick Poor ReaderFeb. 65	Housing:
Infrared Eye ExaminationJune 49	Let the Earth Heat Your
New Cataract LensJune 48	HomeJan. B.C.
Resurfacing Injured Eyes Feb. 50	"Pre-Shrunk" WindowsJan. 94
"Seeing Ear" Aids BlindJan. 93	Skyscraper on WheelsJan. 17
FOOD AND DIET:	Your Next House—Steel?May 5
	INDUSTRY:
Baby Rats Thrive on CoffeeJan. 52 Canned Bread ComingFeb. 33	
Eat Less and Live Longer. Feb. I.F.C.	Alaska's Black Gold RushApr. 84 Bubbles Improve ConcreteJan. 95
"Gas Mask" Keeps Apples	"Camel Locomotive" Drinks
Fresh	Own SteamFeb. 94
How To Lose Weight Wisely. June 15	Charcoal Comeback Mar. 95
Ice Cream—and Other Sea	Flameless CombustionJan. 33
FoodsJan. 64  Last Quart Milked Has	Germs May Help Drillers Bring Up OilApr. 88
Most ButterfatApr. 79	Giant Hydraulic PressJune 95
Mask Conserves Food Energy May 95	Insulate House with Vacuum
Next: Dehydrofrozen FoodsFeb. 28	CleanerJan. 49
Old People Need Milk, Meat May 67	Less Friction in the WorldMay 89
Our Left-Handed DietMay 77	Looking for a New Lawn
Ration Pills DebunkedJune 49	Mower?Apr. 36
Spicy Story: Flavors that Last. Apr. 58	Magic with MetalsMar. 52
Sugar in Your Ale? Mar. 79	New Wealth from the Woods. Mar. 85
Sunlight Affects Milk May 51	Obstacle Course for New
Tasty Salad Oil from Fish Feb. 95	DevicesJan. 80

	Odd Jobs of the Color	"Machine Gun" Puffs GrainApr. 94
	Detective	Machinery Marches OnJan. 96 Mechanical Librarian To
	Gasoline	Aid ResearchFeb. 88
	Paint from SoybeansMay 96	New "Errorless" Typewriter Mar. 93
		Non-Slip Bowling BallFeb. 94
	Pushbutton HotelFeb. 93	Phonographic Spelling Mar. 95
	Steel Parts Molded Like	Portable Icebox June 95
	Plastics	Self-Soldering TapeFeb. 95
	Stokehold Tests Show Fuel SavingJune 36	Steam Dries This New InkFeb. 94
		Trolley Wire Sparks
L	NSECTS AND INSECTICIDES:	Eliminated May 96
	Beetle with the Fringe	True "Floating" RoofFeb. 95
	on Top	What's New in Boats? Apr. 94
	Cannibal Insects Save CropsMar. 33	
ú	Grasshopper's Temperature Jan. 17	MARRIAGE AND FAMILY:
	Insect Stowaways Found	About Marriage and Divorce. Apr. 53
	in Tires	Falling in Love with
	Language of BeesApr. 32	TroubleJan. 38
	Poisonous FlowersJan. 34	Family Life Rained by
	Queen Bees Are Made,	2,000 A.D.?
	Not BornJan. 10	How Long To Achieve Happy
*	Red-Eyed Moths Are Seen	Marriage?Apr. 64
	as Aid to ResearchJune 57	Marriage Is Not a Private
	Termites Have Terrible	AffairApr. 46
	Table Manners	Word Test Clue to Stable
	Walking InsecticidesApr. B.C.	MarriageFeb. 65
I	NTELLIGENCE:	MEDICINE:
	4 Keys to GeniusJune 75	"Bone Bank" Established May 49
è	How Bright Are the Insane?Apr. 63	"But I May Break My
	Mental Wizardry of MoronsFeb. 81	"But I May Break My Stitches!"
4	Test Your IntelligenceMay 1	Cellophane Kidney Saves
	Trick Your Memory to	LivesFeb. 51
	Remember Mar. 5	Chasing the Hiccoughs Away. May 71
1	Your Brain-Maps June 73	Cut Danger of Mastoid
_	19.10.000	InfectionApr. 49
I	NVENTIONS, PATENTS, PROCESSES:	Doctor Speaks His MindJan. 18
1	Air Bags To Lift Sunken Ships. Mar. 95	Enzymes: Chemical Switchmen. Jan. 52
	All-Weather Paper Apr. 96	Exercise—New Acne
	Aluminum Dresses Resist Sea	TreatmentApr. 35
	Water, GinJune 5	Facts of Virus Pneumonia Feb. 48
	Dry Air Protects Cargo June 93	First Cigarette of the Day Mar. 83
	Electrons Lure Smoke into	Frostbite Facts and Fictions Mar. 57
	Sardines May 80	Fruit Juices Speed Polio Onset. June 34
411	Heat Tablet TestsFeb. 32	Guppies May Help Control
1.	"Igloo" Storage TankJune 94	Tropic Disease
	Inventors Reach Peak at 35Feb. 67	How Good Is the New
	"Juke-Box" MealsJune 88	Flu Vaccine?Feb. 51
	Leather from ScrapJan. 96	"Limping Sickness" Baffles
	Leg Tester Walks 3 Million	Medics
	Miles in 10 DaysJune 85	Little Danger of Flu
	"Lipstick" Spot Remover May 94	EpidemicJan. 52

Mad Dog!June 38	PHOTOGRAPHY AND MOVIES:
Men Who Walk like Apes Mar. 66 "Morning After" Is Critical	Camera Develops Own Pictures. Jan. 94 Camera Gives Finished Photo
PeriodJan. 48	in One Minute
"Mousetown" Licks the Black	Camera Photographs 340
DeathApr. 7	Square Miles Mar. 96
Mumps Vaccine DevelopedJan. 51	Electric Photo-Engraver Feb. 96
New Pep for Old TissuesJan. 53	Home Movies with Sound. Apr. I.F.C.
"Pistol" that Saves LivesJune 93	Matchbox Camera and
Polio Virus PurifiedApr. 52	Vestpocket DarkroomJune I.F.C.
Rheumatism Relief with	Miniature Motion Pictures
RadonMar. 12	ForeseenApr. 96
Safer Female Sex HormoneFeb. 50	Tomorrow's CamerasMar. 28
Surgical "Spare Parts" Mar. 48	Twenty Cent Camera Lens May 93
Tension May Cause Sinus	PHYSICS:
Trouble May 34	Gravitation
They Track Down VDApr. 60	He Solves Science RiddlesJune 77
Those Puzzling Skin Ailments. Feb. 16	"Hot Ice" Will Sink in Water Feb. 83
Two Vaccines for Bubonic	Infrared Now Inspects Old
PlagueFeb. 30	PaintingsJune 85
Ulcers Traced to ChildhoodJan. 78	Light Waves: Bullets that
Wanted: Live Malaria Germs. Apr. 51	Bounce
What Causes Boils?	Solar Furnace Can Attain
MENTAL DISORDER:	5,200°Apr. 34
America's Main Mental	Sound Pistol Paralyzes
ProblemsFeb. 66	KillsFeb. B.C.
Baby's Bottle Helps InsaneMay 32	Straighter than the Crow Flies. June 86
"Bugs on Skin" Is Common	Unriddling Secrets of "Second
AilmentJan. 79	Sound"Apr. 40
Mental Sickness No Disgrace. Feb. 67	PLASTICS:
Prohibition and InsanityJune 76	Gravy-Proof TableclothJan. 29
Suicide by TwinsJan. 77	Many Uses for Plastic Fabric May 95
Surgery for Psychotics?May 34	Specimens "Frozen" in Plastic
MINING AND METALLURGY:	Why Plastic Windshields
Aluminum from ClayJune 92	Won't WorkApr. 41
Crystal "Divining Rods" To	Psychology:
Discover OreJune 61	Are You a Moody Person?May 23
Helium Gas Explores Oil Wells. Jan. 49	Cameras Spy on Schoolroom
Indium: the "Chewing Gum"	AnticsJune 73
	Can You Predict Your Moods? .Jan. 78
Metal	Drinkers: the "Refusingest"
Rich Uranium Vein FoundApr. 33	People!Apr. 66
Stronger Alloys DevelopedJune 92	Family Doctors vs.
There Can't Be a Perfect	PsychoanalystsJune 74
MetalJune 20	Girls Who "Play Dumb"Feb. 64
Those Glittering Things—	Grow Old AggressivelyMar. 67
DiamondsJan. 43	How Good Is Your Taste?Feb. 37
X-rays Change Gem ColorsJune 91	How to Cut Down on Aches
11 rago change done coloreaddic at	and PainsMay 36
PALEONTOLOGY:	Maladjusted College GirlsJune 76
"Insect Dinosaurs" Once Ruled	Meek Man is AbnormalApr. 66
the Air	Mental PainkillersJan. 77

Mental Quirks that Hold Us	See San Diego, Kansas City
Back	from 65 Miles UpFeb. 26
Nervousness and Nylon Mar. 66	Space Ships with Sails? May 80
Patients Who Know All the	SLEEP:
AnswersJune 1	How Much Sleep Is
Psychology on the Flying	Enough? May B.C.
Trapeze	Noon Naps NecessaryJan. 53
Stimulating the Senses Mar. 65	Pick Your Pattern for Sleep
Tired Feeling May Be GuiltJan. 79	and RestFeb. 22
Toughest Fighter May Not	Worried about Your Dreams?Apr. 43
Be Boss	SOCIOLOGY:
You Can Rid Yourself of	Average American is Irishman. Apr. 6
WorryJune 29	Case against SterilizationFeb. 75
_	
RADAR:	Doctor Has Most Prestige Apr. 65
Navy Unveils the "Bat"Jan. 96	King of QuacksFeb. 88
Radar Waves Affect Birds in	New York—Incredible CityJune 42
FlightJune 71	Puzzling Moral Code of
Radar Waves Heat Water in	the JapsMar. 89
New Tester Mar. 74	They Whistle as They TalkJan. 35
Safe Landings in Ceiling Zero. May 59	U. S. Population Gain is
RADIO AND TELEVISION:	10,000,000 in 7 YearsApr. 31
All-Electronic Color	We Chattering HumansJune 24
TelevisionFeb. 96	Westerners Are HealthierFeb. 51
Apartment Owners Ban	TUBERCULOSIS:
Television Aerials May 55	BCG Fights the White
Balloons Become Radio SetsFeb. 43	Plague
Color Television PostponedJune 34	
Frozen Pin Is World's Tiniest	Progress in TB FightJune 52
Radio Set	Streptomycin Checks TB May 49
New Glass Improves	VITAMINS:
Television May 95	New Treatment Cures
New Hope for Clearer FM	Gangrene
and TelevisionJan. 5	
Radio Booster Developed Mar. 95	FeverJune 48
Robot Watches Dials	MISCELLANEOUS:
Television via the MoonApr. 11	Accidents Can Be FunnyMar. 45
Tiny Antennas Aid Navy	De-Hexing Haunted HousesJan. 88
StudyMar. 96	Death Valley's Lost
World's Smallest Radio	TravelersJune 65
StationMay 98	Mathematical Curiosity Feb. 59
ROCKETS:	Music for the MillionsMar. 29
Artificial Meteors To Pelt	Odd Facts about Clocks and
Moon?Feb. 30	
Ball-Bearing Rocket Mar. 95	
Guided Rocket DevelopedJune 93	
Man-Made Meteors Mar. 25	
Monoplane to the MoonMar. B.C	
Rocket Engine Weighs only	Test Your Science SenseJune 47
210 Pounds	

SCIENCE DIGEST, 200 E. Ontario St., Chicago 11, Ill. Subscription \$3.00 a year; single copies 25c. Available back numbers may be had at the regular price

